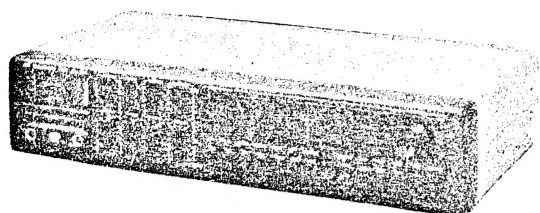




## SERVICE MANUAL

### LW/MW/SW/FM HI-FI STEREO RECEIVER MODEL TFS-300



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4000 Düsseldorf-Rath Oberhausener Str. 17  
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Teleton House, Waterhouse Lane.  
Chelmsford/Essex  
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Switzerland: TRANSACO AG  
Kanzleistrasse 126, 8004 Zürich  
Tel. 39 45 60/23 50 40, TX 52 362

### EXPLODED VIEW

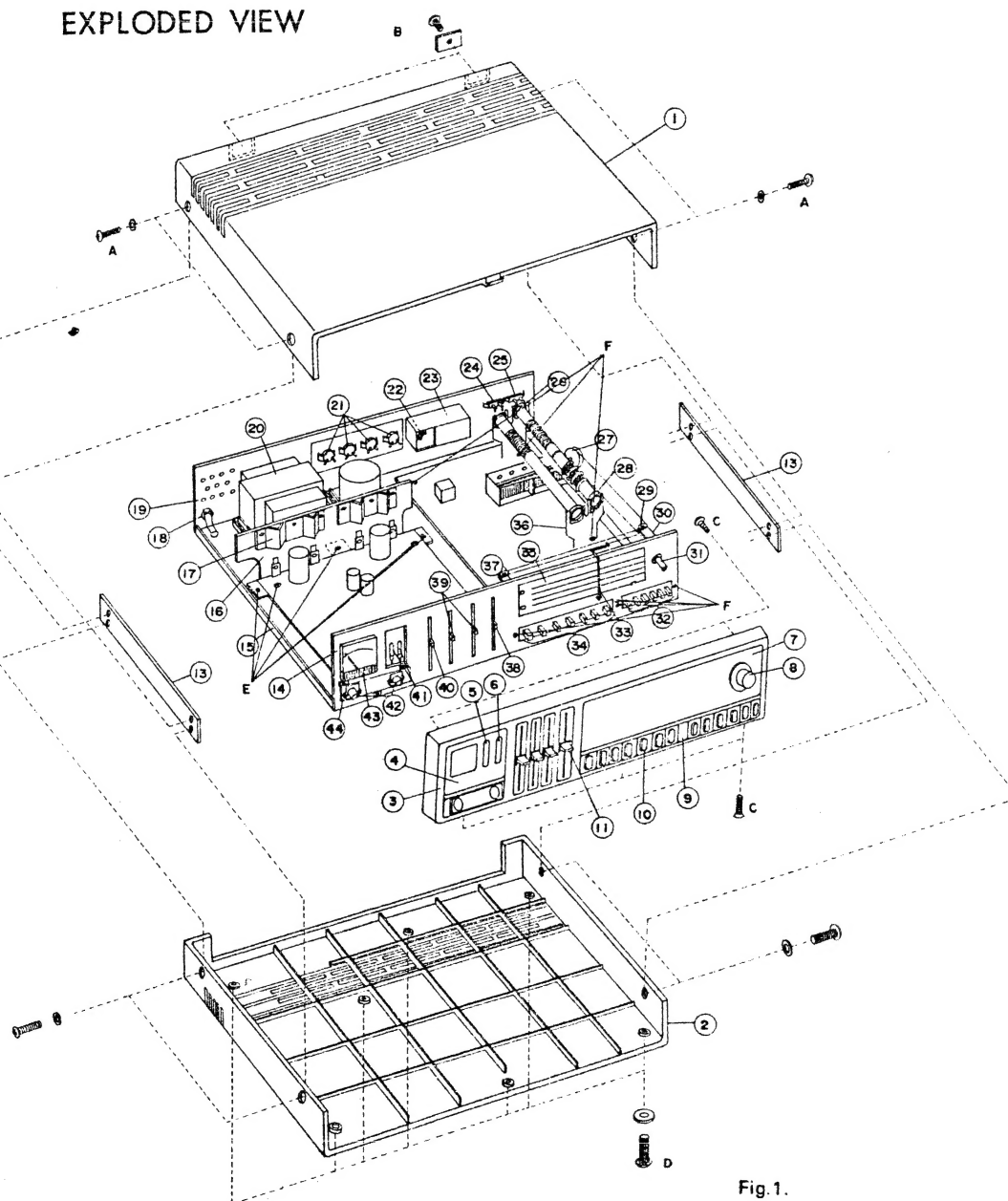


Fig. 1.

### CABINET AND P.C.B. REMOVAL (Fig. 1)

1. Remove four screws on the top cabinet side. (A)
2. Remove two screws on the cabinet rear. (B)
3. Pull backward top cabinet.
4. Pull off tuning knob (8) and slide knobs (11), and remove five screws on the frontpanel (C), then the frontpanel can be removed.
5. Remove seven screws on the bottom of the cabinet (D), then the lower cabinet can be removed.
6. Remove five screws to detach the audio P.C.B. (E)
7. Remove seven screws to detach the radio P.C.B. (F)



A detailed diagram of a dial cord stringing mechanism. The diagram shows a drum on the right, which is connected to a dial cord. The cord passes over a pulley at the top left, then under a small pulley, and finally over a larger pulley. The cord is then attached to a tuning shaft, which is shown with three turns. The diagram is labeled with various components: PULLY, DIAL POINT, DRUM, and TUNING SHAFT. The cord is numbered 1 through 5, indicating the sequence of the stringing process. Arrows indicate the direction of the cord's path.

# PHONO P.C.BOARD

1. Turn the Variable Capacitor fully in.
2. Attach dial string to bolt on drum.
3. Rout dial string as shown in figure.
4. Winde remaining string around drum and hook spring over bolt on drum.
5. Attach dialpointer to far left.

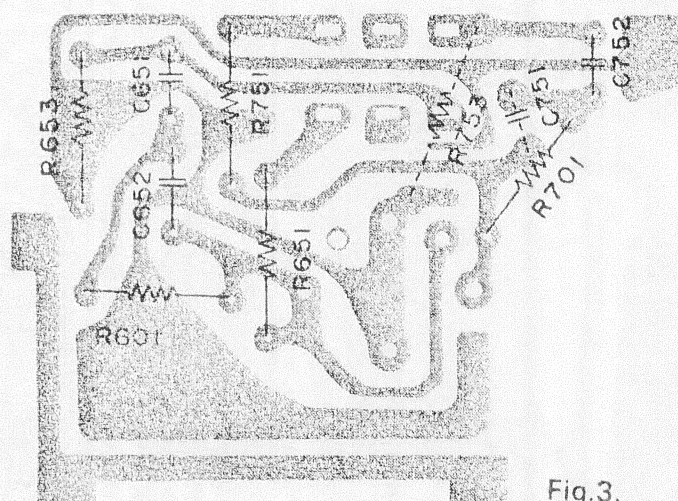


Fig.3.

## AUDIO AMP. P.C.BOARD

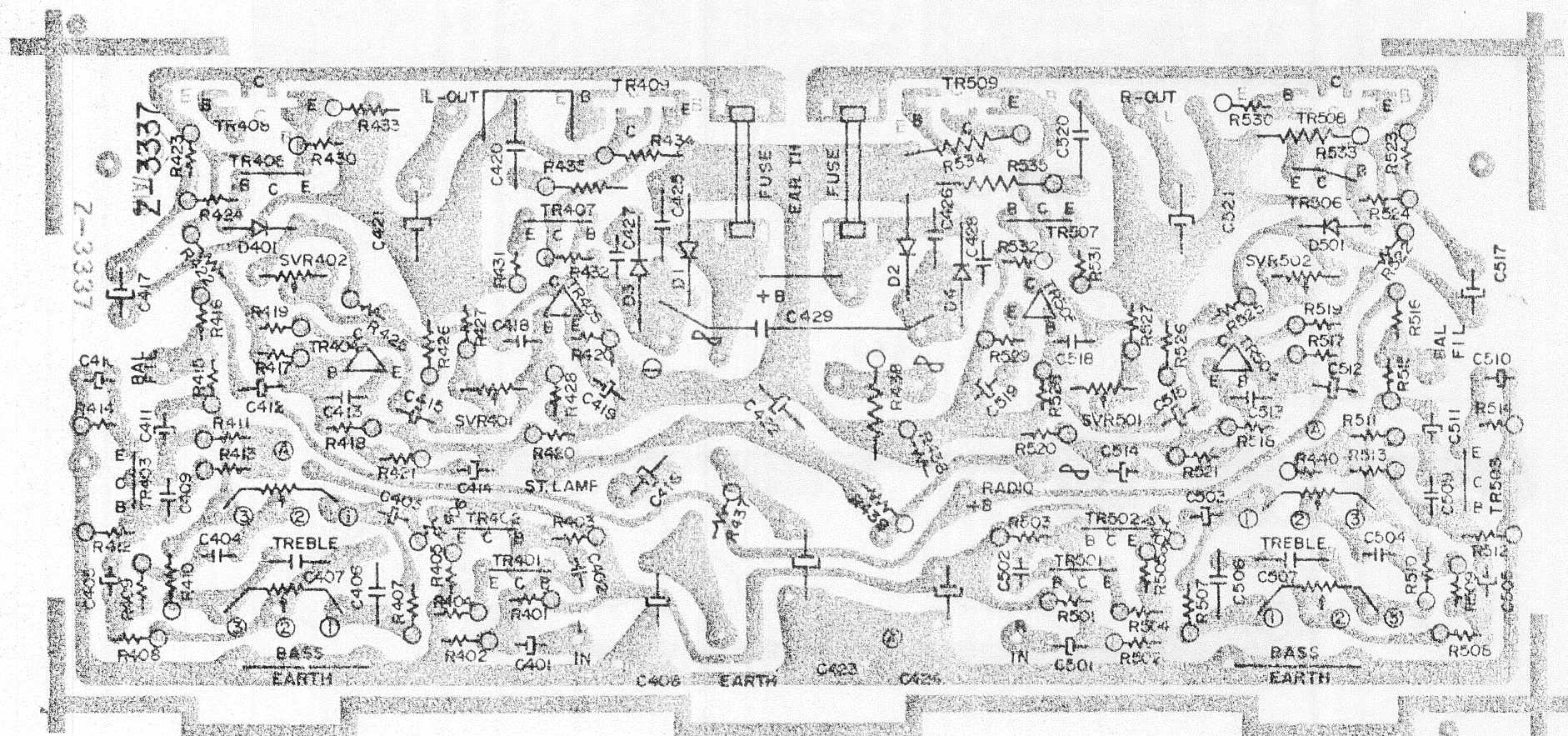


Fig.4.



# LAMP P.C.BOARD

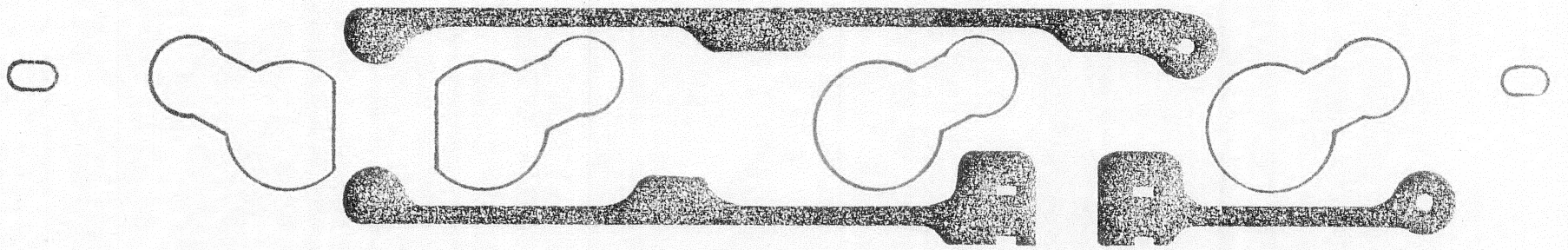


Fig. 5.

# RADIO P.C.BOARD

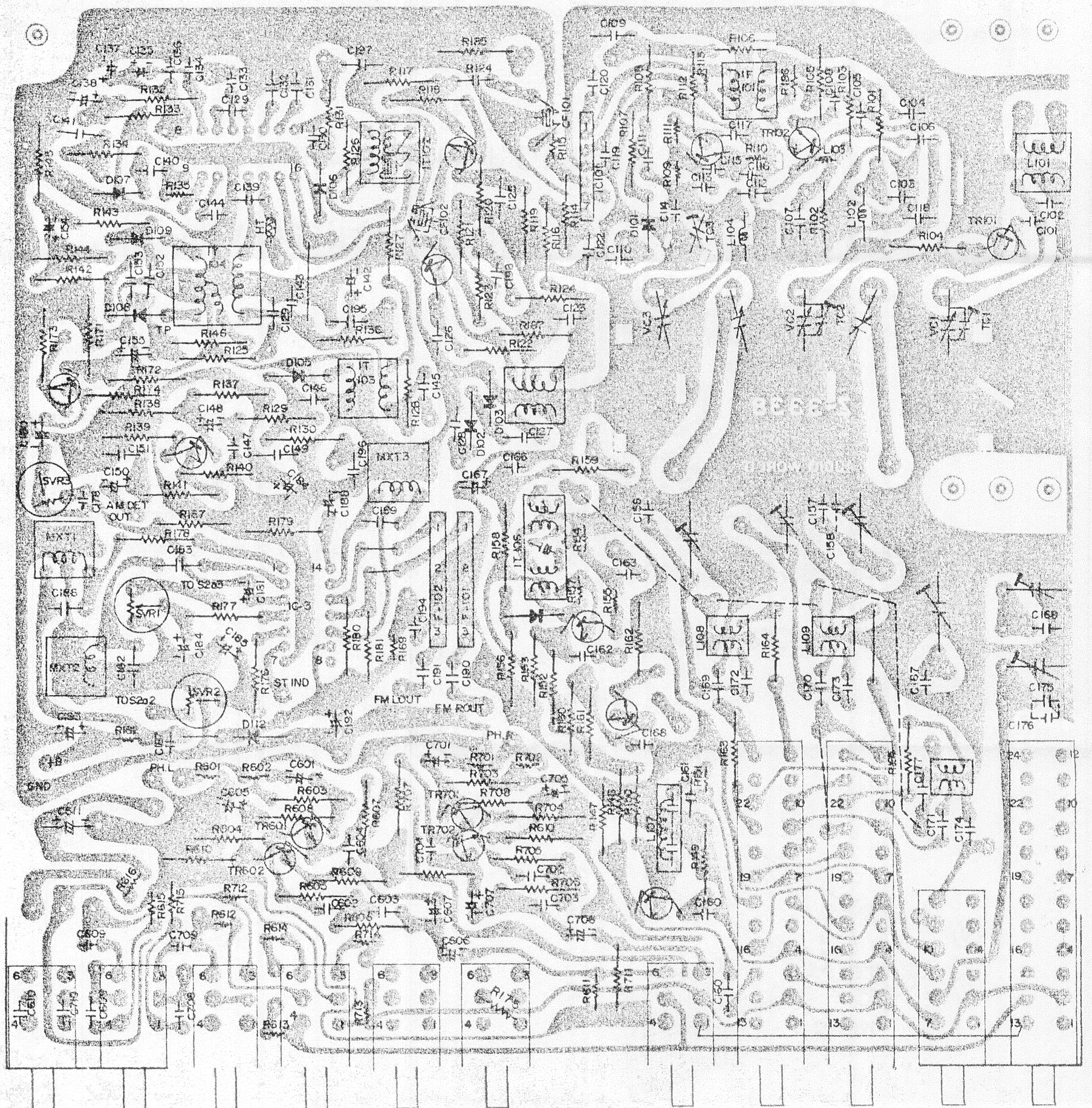
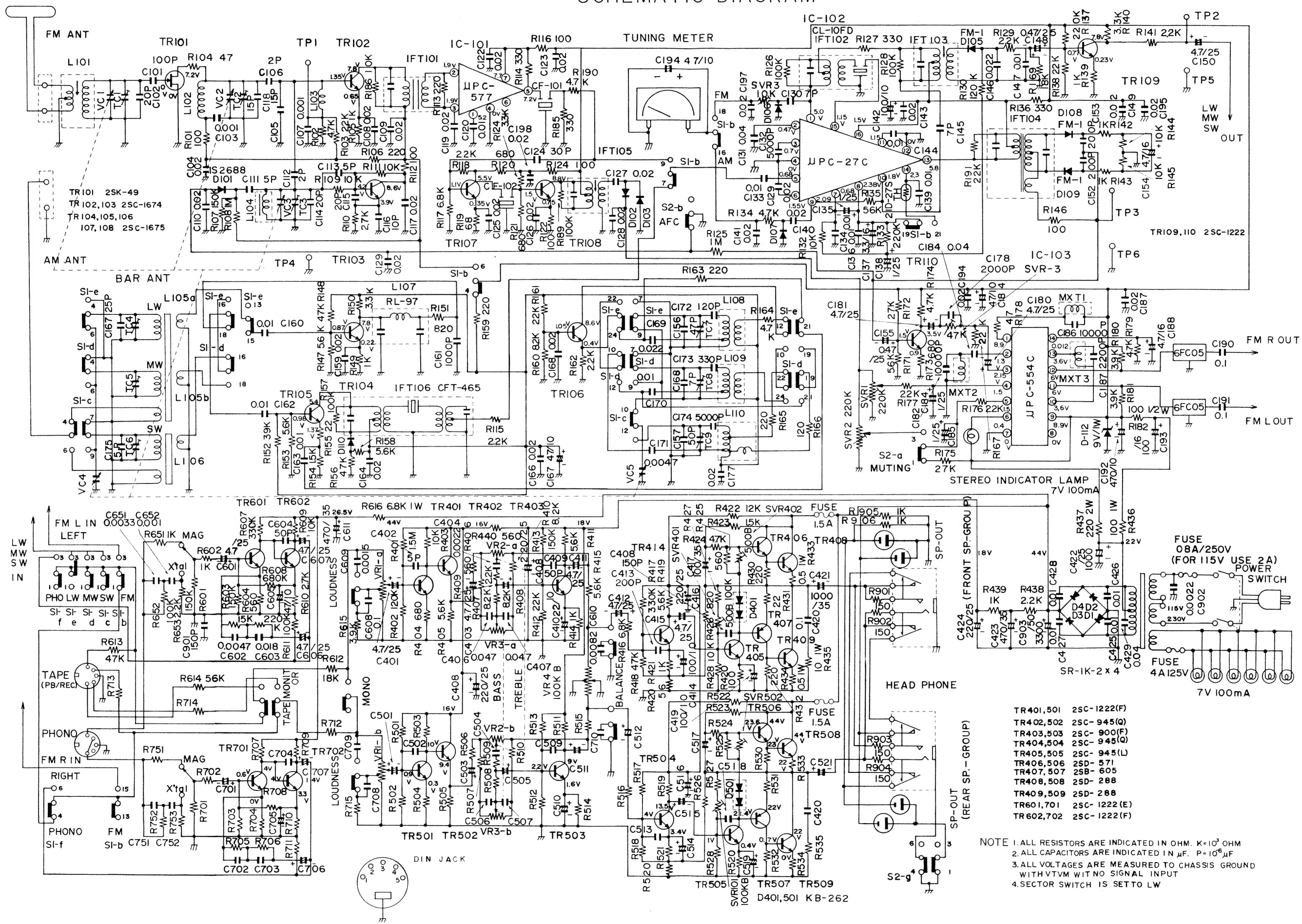


Fig. 6.



# SCHEMATIC DIAGRAM



TR401,501	2SC-1222(F)
TR402,502	2SC-945(Q)
TR403,503	2SC-900(F)
TR404,504	2SC-945(Q)
TR405,505	2SC-945(L)
TR406,506	2SD-571
TR407,507	2SB-605
TR408,508	2SD-288
TR409,509	2SD-288
TR601,701	2SC-1222(E)
TR602,702	2SC-1222(F)

NOTE 1. ALL RESISTORS ARE INDICATED IN OHM. K=10<sup>3</sup> OHM  
 2. ALL CAPACITORS ARE INDICATED IN  $\mu$ F. P=10<sup>6</sup>  $\mu$ F  
 3. ALL VOLTAGES ARE MEASURED TO CHASSIS GROUND  
 WITH VTVM WITH NO SIGNAL INPUT  
 4. SECTOR SWITCH IS SET TO LW